

Converting Colors

XYZ(74.2985, 81.7464, 80.9527)

Have a look what the booklet for
XYZ(74.2985, 81.7464, 80.9527)
contains.

XYZ(74.2095, 81.6896, 80.9637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2095, 81.6896,
80.9637)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDDE
RGB	224, 237, 222
RGB Percent	88%, 93%, 87%
CMY	0.1216, 0.0706, 0.1294
CMYK	0.05, 0.00, 0.06, 0.07
HSL	112°, 29%, 90%
HSV	112°, 6%, 93%
XYZ	74.2095, 81.6896, 80.9637
YIQ	231.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

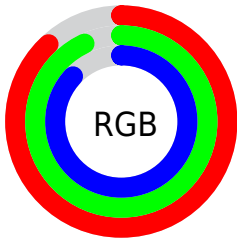
Format	Color
R _Y B	222, 237, 235
Decimal	14740958
CIE Lab	92.44, -6.99, 5.77
CIE LCh	92, 9.067, 140.486
Yxy	81.6896, 0.3133, 0.3449
Android (android.graphics.Color)	4292931038 (0xFFE0EDDE)
YUV	231.4030, -4.6357, -6.4924
Hunter-Lab	90.3823, -11.6094, 10.1561

Details

The XYZ color **74.2095, 81.6896, 80.9637** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6715, 76.0214, 90.8102**, and the grayscale version is **76.2928, 80.2660, 87.4097**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8611, 44.2728, 43.0038** is the 20% darker color. If you saturate the color by 10%, you get **65.2676, 77.4238, 65.1128**, and if you desaturate by 10%, it is **84.3717, 86.5375, 99.2060**.

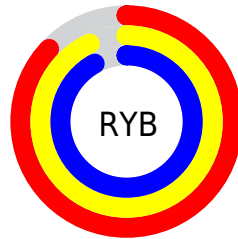
Distribution



Red (88%)

Green (93%)

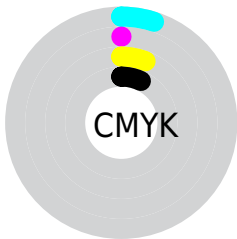
Blue (87%)



Red (87%)

Yellow (93%)

Blue (92%)

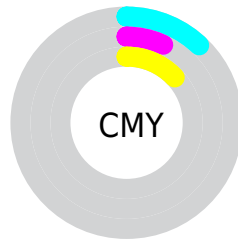


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2095, 81.6896, 80.9637 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.2095, 81.6896, 80.9637 by changing the saturation by 10% instead.

74.2095, 81.6896,
80.9637

74.2095, 81.6896,
80.9637

464.2353,
500.6088, 517.9668

55.2574, 61.1097,
59.9809

124.1867,
135.7386, 136.5434

39.8425, 44.3137,
42.9780

155.9424,
169.9766, 171.9774

27.5994, 30.9172,
29.5366

192.6968,
209.5360, 213.0655

18.1628, 20.5358,
19.2381

234.8151,
254.8012, 260.2262

11.1674, 12.7851,
11.6639

282.6628,
306.1568, 313.8782

6.2476, 7.2808,
6.3955

336.6051,

3.0383, 3.6383,

363.9869, 374.4400

3.0144

397.0075,
428.6762, 442.3300

■ 1.1741, 1.4734,
1.1020

■ 0.0857, 0.2699,
0.0000

■ 74.2095, 81.6896,
80.9637

■ 74.2095, 81.6896,
80.9637

■ 65.2676, 77.4238,
65.1128

■ 84.3717, 86.5375,
99.2060

■ 57.4934, 73.7083,
51.5490

■ 89.5758, 89.0515,
107.0753

■ 50.8404, 70.5235,
40.1685

■ 45.2565, 67.8452,
30.8571

■ 40.6853, 65.6470,
23.4905

■ 37.0653, 63.9001,
17.9309

■ 34.3280, 62.5726,
14.0224

■ 32.3954, 61.6283,
11.5830

■ 31.1749, 61.0244,
10.3855

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0728, 81.6896, 77.3660



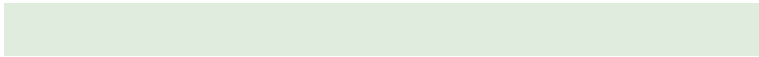
74.2095, 81.6896, 80.9637



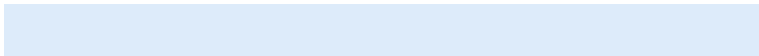
73.2718, 81.6896, 86.8242

Triad

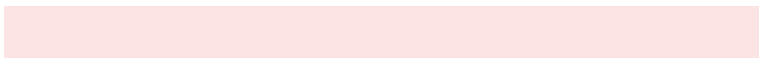
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2095, 81.6896, 80.9637



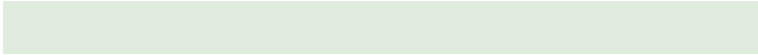
76.8990, 81.6896, 102.3291



81.9537, 81.6896, 84.4935

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



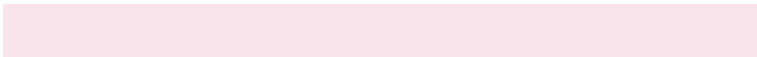
74.2095, 81.6896, 80.9637



75.6715, 76.0214, 90.8102

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1857, 81.6896, 91.1023



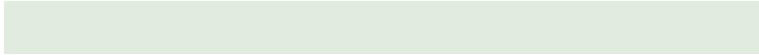
74.2095, 81.6896, 80.9637



79.2357, 81.6896, 101.6276

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



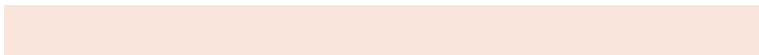
74.2095, 81.6896, 80.9637



74.8038, 81.6896, 99.3077



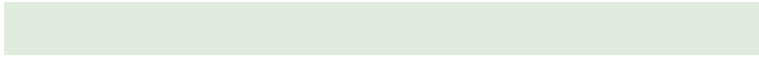
81.1819, 81.6896, 97.4366



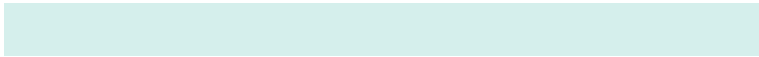
80.5542, 81.6896, 79.3315

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



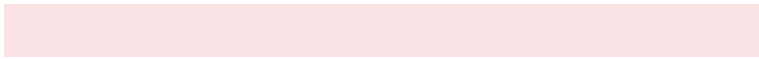
74.2095, 81.6896, 80.9637



73.2846, 81.6896, 91.3221



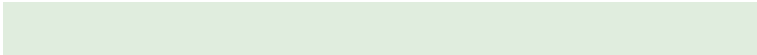
81.1819, 81.6896, 97.4366



82.1719, 81.6896, 86.6117

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.2118, 81.6931, 80.9655



92.6321, 98.8471, 104.5575



77.8217, 82.6990, 80.9694



19.8524, 21.1694, 22.4251



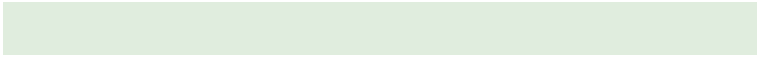
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2118, 81.6931, 80.9655



85.7293, 95.5545, 92.2201



74.3452, 81.6753, 84.8842



15.0550, 16.9584, 15.9985



16.9138, 33.2639, 5.5291



1.3877, 2.6427, 0.4370

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.6715, 76.0214, 90.8102



87.8907, 87.1558, 106.7982



75.5438, 76.0470, 86.6721



15.5059, 15.2061, 19.0401



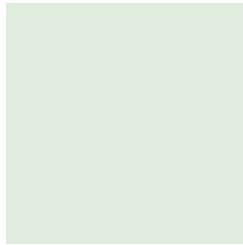
22.2346, 10.4983, 44.5974



1.8007, 0.8526, 3.5045

Previews

White Background



This preview shows how the XYZ color 74.2095, 81.6896, 80.9637 looks on a white background.

Color Contrast Check

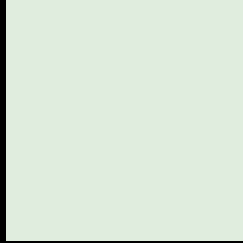
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.2095, 81.6896, 80.9637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

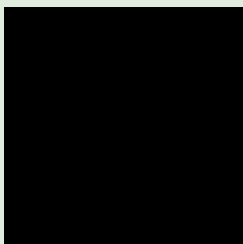
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

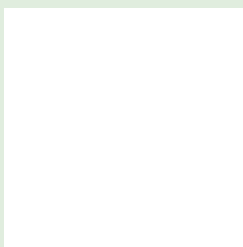
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2095, 81.6896, 80.9637

Background



This preview shows how black text looks on a background with the XYZ color 74.2095, 81.6896, 80.9637.

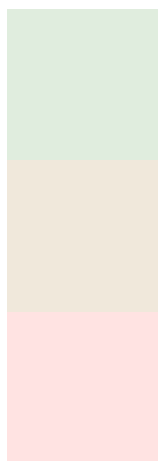


This preview shows how white text looks on a background with the XYZ color 74.2095, 81.6896,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.2095, 81.6896, 80.9637

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

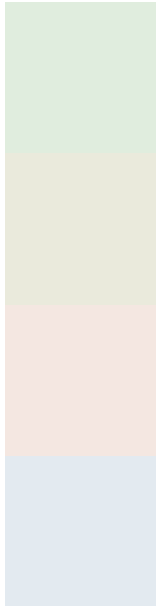
82.4366, 81.6892, 83.3742



Tritanopia

78.8646, 81.9009, 102.9186

Trichromacy



Original Color

74.2095, 81.6896, 80.9637

Protanomaly

76.2728, 81.5054, 79.4222

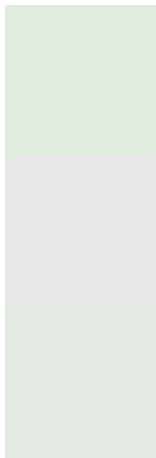
Deuteranomaly

79.4747, 81.8212, 82.8385

Tritanomaly

76.8295, 81.4678, 94.1136

Monochromacy



Original Color

74.2095, 81.6896, 80.9637

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1374, 80.3732, 84.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2095, 81.6896, 80.9637 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(224, 237, 222) looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.2095, 81.6896, 80.9637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 237, 222) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 237, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 237, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2095, 81.6896, 80.9637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
237, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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